

## Splash Workshop

### Curriculum Links

<b>Please note:</b>	Our workshops may not cover all of the links below in great depth as we are restricted by time, however you have the opportunity to cover them in the follow up activities you will be receiving from us.	
<b>Aims and Activities taken from the workshop booklet</b>	<p><b>Activities include:</b></p> <ul style="list-style-type: none"> <li>- racing different shaped boat hulls</li> <li>- exploring the reasons why some things float and some sink</li> <li>- working as a team to build a functioning water supply</li> <li>- exploring the effects of different sized sails</li> <li>- testing to see which paddle is best to propel a boat forward.</li> </ul> <p><b>The aims are for your children to have lots of fun and enjoyment in solving problems by:</b></p> <ul style="list-style-type: none"> <li>- asking questions and deciding how to find answers to them</li> <li>- thinking about what might happen before deciding what to do</li> <li>- recognising if a test is fair</li> <li>- carrying out an investigation, and making observations</li> <li>- comparing what actually happened with their predictions</li> <li>- describing what happened and trying to explain why.</li> </ul>	
	<b>National Curriculum</b>	<b>Non-Statutory Opportunities</b>
<b>Science</b>	<p><b>Working Scientifically (KS1):</b></p> <ul style="list-style-type: none"> <li>• asking simple questions and recognising that they can be answered in different ways</li> <li>• observing closely, using simple equipment</li> <li>• performing simple tests</li> <li>• identifying and classifying</li> <li>• using observations and ideas to suggest answers to questions</li> <li>• gathering and recording data to help in answering questions</li> </ul> <p><b>Everyday Materials (Y1)</b></p> <ul style="list-style-type: none"> <li>• describe the simple physical properties of a variety of everyday materials, including water</li> </ul> <p><b>Uses of Everyday Materials (Y2)</b></p> <ul style="list-style-type: none"> <li>• identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> </ul>	<p>Pupils will work scientifically by:</p> <ul style="list-style-type: none"> <li>- performing simple tests to explore the effectiveness of different shaped boat hulls and paddles</li> <li>-investigating why some things float and some things sink</li> <li>- ask and answer questions about the effects of different sized sails</li> <li>- use their observations and ideas to answer questions about how best to travel quickly over water</li> </ul>
<b>DT</b>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Make</li> <li>• Evaluate</li> <li>• Use Technical Knowledge</li> </ul>	<p>Pupils will work together as a team to design and build their own functioning water supply. They will make their own boats with sails made from different sizes and materials and evaluate their effectiveness on water.</p>

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<b>Maths</b>	<ul style="list-style-type: none"> <li>• compare, describe and solve practical problems for lengths and heights and time (Y1)</li> <li>• measure and begin to record lengths and heights and time (Y1)</li> <li>• choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers (Y2)</li> </ul>	<p>Opportunity here for pupils to measure the size of the different boat sails and use language of scale to talk about them. Pupils will also be able to measure the time it takes in seconds for a boat to cross the water and record the results using standard abbreviations.</p>
<b>English</b>	<ul style="list-style-type: none"> <li>• ask relevant questions to extend their understanding and knowledge</li> <li>• articulate and justify answers, arguments and opinions</li> <li>• developing a broader, deeper and richer vocabulary</li> </ul>	<p>Opportunity here to link to a rich text</p>
<b>FS</b>	<ul style="list-style-type: none"> <li>• <b>Maths:</b> explore characteristics of everyday objects and shapes and use mathematical language to describe them</li> <li>• <b>Exploring and using media and materials:</b> safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function</li> <li>• <b>Being imaginative:</b> children use what they have learnt about media and materials in original ways, thinking about uses and purposes</li> </ul>	<ul style="list-style-type: none"> <li>• <b>playing and exploring with sails and paddles</b> - children investigate and experience things, and 'have a go'</li> <li>• <b>active learning with boats and water</b> - children concentrate and keep on trying if they encounter difficulties, and enjoy achievements</li> <li>• <b>creating and thinking critically about boats and water</b> - children have and develop their own ideas, make links between ideas, and develop strategies for doing things</li> </ul>